

Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 424022000200

Application Number 09/242,449

Applicant

Bergmann et al.

Filing Date August 22, 1997

Group Art Unit 1643

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
1.	04/15/86	4,582,788	Erlich				
2.	07/28/87	4,683,194	Saiki et al.				
3.	07/28/87	4,683,202	Mullis				
4.	10/11/94	5,384,844	Feug et al.				



FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
5.	09/24/87	263 740	EP				
6.	08/26/88	329 822	EP				
7.	12/29/88	88/10315	WO				
8.	03/22/89	335 451	EP				
9.	01/25/90	90/00624	WO				
10.	08/06/92	92/13069	WO				

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
11.		Azuma et al. (1992) "Human Gastric Cathepsin E Gene" <i>Biol Chem.</i> 267:1609-1613
12.		Beato (1989) "Gene Regulation by Steroid Hormones" <i>Cell</i> 56:355-361
13.		Blake et al. (1984) "A Rapid, Sensitive Method for Detection of Alkaline Phosphatase-Conjugated Anti-antibody on Western Blots" <i>Anal. biochem.</i> 136:175-179
14.		Bucher et al. (1990) "Weight Matrix Descriptions of Four Eukaryotic RNA Polymerase II Promoter Elements Derived from 502 Unrelated Promoter Sequences" <i>Mol. Biol.</i> 212; 563-578
15.		Cai et al. (1993) "Release of Excess amyloid β Protein from a Mutant Amyloid β Protein Precursor" <i>Science</i> 259:514-516
16.		Citron et al. (1997) "Mutant Presenilins of Alzheimer's Disease Increase Production of 42-Residue Amyloid β -protein in Both Transfected Cells and Transgenic Mice" <i>Nature Medicine</i> 3: 67-72
17.		Corder et al. (1993) "Gene Dose of Apolipoprotein E Type 4 Allele and the Risk of Alzheimer's Disease in Late Onset Families" <i>Science</i> 261:921-924

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	18.	Corder et al. (1994) "Protective Effect of Apolipoprotein E Type 2 Allele for Late Onset alzheimer Disease" <i>Nature Genet</i> 7:180-184
	19.	Currie et al. (1991) "Immunolocalization of Alzheimer β -Amyloid Peptide Precursor to Cellular Membranes in Baculovirus Expression System" <i>Neurosci. Res.</i> 30:687-689
	20.	Feng et al. (1985) "Aligning Amino Acid Sequences: Comparison of Commonly Used Methods" <i>Mol. Evol.</i> 21:112-125
	21.	Gomes et al. (1995) "Alzheimer-Type Neuropathology in Transgenic Mice Overexpressing V717F β -amyloid Precursor Protein" <i>Nature</i> 373:523-527
	22.	Gething et al. (1992) "Protein Folding in the Cell" <i>Nature</i> 355:33-45
	23.	Goate et al. (1991) "Segregation of a Missense Mutation in the Amyloid Precursor Protein Gene with Familial Alzheimer's Disease" <i>Nature</i> 349:704-706
	24.	Hardy (1994) "Alzheimer's Disease - Clinical Molecular Genetics" <i>Clin. Geriatr. Med.</i> 10:239-247
	25.	Hardy (1997) "The Alzheimer Family of Diseases: Many Etiologies, One Pathogenesis?" <i>Proc. Natl. Acad. Sci.</i> 94:2095-2097
	26.	Hill et al. (1991) "Crystal Structure of Defensin HNP-3, an Amphiphilic Dimer: Mechanisms of Membrane Permeabilization" <i>Science</i> 251:1481-1485
	27.	Hopp et al. (1981) "Prediction of Protein Antigenic Determinants From Amino Acid Sequences" <i>Proc. Natl. Acad. Sci. USA</i> 78:3824-3828
	28.	Hyslop et al. (1987) "The Genetic Defect Causing Familial Alzheimer's Disease Maps on Chromosome 21" <i>Science</i> 235:885-890
	29.	Hyslop et al. (1992) "Genetic Evidence for a Novel Familial Alzheimer's Disease Locus on Chromosome 14" <i>Nature Genet</i> 2:330-334
	30.	Irizarry et al. (1997) "APP _{sw} Transgenic Mice Develop Age-related A β Deposits and Neuropil Abnormalities, but no Neuronal Loss in CA1" <i>Neuropathol. Exp Neurol</i> 156:956-973
	31.	Iwatsubo et al. (1994) "Visualization of A β 42(43) and A β 40 in Senile Plaques with End-Specific A β Monoclonals: Evidence That an Initially Deposited Species is A β 42(43)" <i>Neuron</i> 13:45-53
	32.	Iwatsubo et al. (1995) "Amyloid β Protein (A β) Deposition: A β 42(43) Precedes A β 40 in Down Syndrome" <i>Ann. Neurol.</i> 37:294-299
	33.	Johnson (1990) in "Review of Biological Research in Aging" 4:163-170 Rothstein (Ed)Wiley-Liss, NY
	34.	Jones et al. (1986) "Replacing the Complementarity - Determining Regions in a Human Antibody With Those From a Mouse" <i>Nature</i> 321:552-555
	35.	Jones et al. (1992) "Mutation in Codon 713 of the β Amyloid Precursor Protein Gene Presenting with Schizophrenia" <i>Nature Genet.</i> 1:306-309
	36.	Kang et al. (1987) "The precursor of Alzheimer's Disease Amyloid A4 Protein Resembles a Cell-Surface Receptor" <i>Nature</i> 325:733-736

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OTHER DOCUMENTS

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Examiner Initials	Ref. No.	Title
	37.	Knutton et al. (1989) "Actin Accumulation at Sites of Bacterial Adhesion to Tissue Culture Cells: Basis of a New Diagnostic Test for Enteropathogenic and Enterohemorrhagic "Escherichia coli" <i>Infect. and Immuno.</i> 57:1290-1298
	38.	Kozak (1984) "Compilation and Analysis of Sequences Upstream From the Translational Start Site in Eukaryotic mRNAs" <i>Nucleic Acid Res.</i> 12:857-872
	39.	Kwoh et al. (1989) "Transcription-Based Amplification System and Detection of Amplified Human Immunodeficiency Virus Type 1 With a Bead-Based Sandwich Hybridization Format" <i>Proc. Natl. Acad. Sci. (U.S.A.)</i> 86:1173,
	40.	Laemmli (1970) "Cleavage of Structural Proteins During the Assembly of the Head of Bacteriophage T4" <i>Nature</i> 227:680-685
	41.	Laferla et al. (1995) "The Alzheimer's A β Peptide Induces Neurodegeneration and Apoptotic Cell Death in Transgenic Mice" <i>Nature Genet</i> 9:21-30
	42.	Lamb (1997) "Presenilins, Amyloid- β and Alzheimer's Disease" <i>Nature Medicine</i> 3:28-29
	43.	Lampe et al. (1994) Phenotype of Chromosome 14-Linked Familial Alzheimer's Disease in a Large Kindred" <i>Neurol.</i> 36:368-378
	44.	Ledley (1989) In: Biotechnology, A Comprehensive Treatise, volume 7B, Gene Technology, VCH Publishers, Inc. NY, pp 399-458
	45.	Levy et al. (1990) "Mutation of the Alzheimer's Disease Amyloid Gene in Hereditary Cerebral Hemorrhage, Dutch Type" <i>Science</i> 248 1124-1126
	46.	Levy-Lahad et al. (1995) "Candidate Gene for the Chromosome 1 Familial Alzheimer's Disease Locus" <i>Science</i> 269:973-977
	47.	Liu et al. (1993) "Rapid Sequencing of Unpurified PCR Products by Thermal Asymmetric PCR Cycle Sequencing Using Unlabeled Sequencing Primers" <i>Nucl. Acid. Res</i> 21:333-334
	48.	Mann (1989) "Cerebral Amyloidosis, Ageing and Alzheimer's Disease; A Contribution From Studies on Down's Syndrome" <i>Neurobiol Aging</i> 10:397-399
	49.	Masters et al. (1985) "Amyloid Plaque Core Protein in Alzheimer Disease and Down Syndrome" <i>Proc. Natl. Acad. Sci. USA.</i> 82:4245-4249
	50.	McGeer et al. (1996) "Anti-Inflammatory Drugs in the Fight Against Alzheimer's Disease" <i>Ann NY Acad. Sci</i> 777:213-220
	51.	Morrison (1985) "Transfectedomas Provide Novel Chimeric Antibodies" <i>Science</i> 229:1202-1207
	52.	Mucke et al. (1994) "Synaptotrophic Effects of Human Amyloid β Protein Precursors in the Cortex of Transgenic Mice" <i>Brain Res.</i> 666:151-167
	53.	Mullan et al. (1993) "Genetic and Molecular Advances in Alzheimer's Disease" <i>F. Trends Neurosci.</i> 16:398-403
	54.	Mullis (1986) "Specific Enzymatic Amplification of DNA In Vitro: The Polymerase Chain Reaction" <i>Cold Spring Harbour Symp. Quant. Biol.</i> 51:263-273
	55.	Mullis et al. (1987) "Specific Synthesis of DNA in Vitro via a Polymerase-Catalyzed Chain Reaction" <i>Met. Enzymol.</i> 155:335-350

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	56.	Nakanishi et al. (1993) "Transient Forebrain Ischemia Induces Increased Expression and Specific Localization of Cathepsins E and D in Rat Hippocampus and Neostriatum" <i>Exp. Neurol.</i> 121:125
	57.	Oi et al. (1986) "Chimeric Antibodies" <i>BioTechniques</i> 4:214
	58.	Petitsch et al. (1990) "Localization and Molecular Modelling of the Membrane-Inserted Domain of the Ninth Component of Human Complement and Perforin" <i>Mol. Immunol.</i> 27: 589-602
	59.	Podlisny et al. (1987) "Gene Dosage of the Amyloid β Precursor Protein in Alzheimer's Disease" <i>Science</i> 238:669-671
	60.	Pollwein et al. (1992) "The Expression of the Amyloid Precursor Protein (APP) is Regulated by Two GC-Elements in the Promoter" <i>Nucl. Acids Res.</i> 20:63-68
	61.	Price et al. (1991) "Amyloid-Related Proteins and Nerve Growth Factor in Alzheimer's Disease and Animal Model" <i>Clin. Neuropharm.</i> 14:S9-S14
	62.	Querfurth et al. (1995) "APP mRNA Transcription is Increased in Cultured Fibroblasts From the Familial Alzheimer's Disease-1 Family" <i>Molec. Brian Res.</i> 28:319-337
	63.	Regland B et al. (1992) "Slowed Synthesis of DNA and Methionine is a Pathogenetic Mechanism Common to Dementia in Down's Syndrome, AIDS and Alzheimer's Disease?" <i>Med. Hypoth.</i> 38:11-19
	64.	Roch et al. (1992) "Bacterial Expression, Purification, and Functional Mapping of the Amyloid β /A4 Protein Precursor" <i>Biol. Chem.</i> 267:2214-2221
	65.	Rogers et al. (1996) "Inflammation and Alzheimer's Disease Pathogenesis" <i>Neurobiol. Aging</i> 17:681-686
	66.	Roher et al. (1993) " β -Amyloid-(1-42) is a Major Component of Cerebrovascular Amyloid Deposits: Implications for the Pathology of Alzheimer Disease" <i>Proc Nat Acad Sci USA</i> 90:10836-10840
	67.	Rosenshine et al. (1992) "Signal Transduction Between Enteropathogenic <i>Escherichia Coli</i> (EPEC) and Epithelial Cells: EPEC Induces Tyrosine Phosphorylation of Host Cell Proteins to Initiate Cytoskeletal Rearrangement and Bacterial Uptake" <i>EMBO J.</i> 11:3551-3560
	68.	Saiki et al. (1985) "A Novel Method for the Detection of Polymorphic Restriction Sites by Cleavage of Oligonucleotide Probes: Application to Sickle-Cell Anemia" <i>Bio/Technology</i> 3:1008-1012
	69.	Saunders et al. (1993) "Association of Apolipoprotein E Allele ϵ 4 With Late-Onset Familial and Sporadic Alzheimer's Disease" <i>Neurology</i> 43:1467-1472
	70.	Savouret et al. (1989) "Molecular and Cellular Biology of Mammalian Progesterone Receptors" <i>Recent Progress in Hormone Res.</i> 45:69-120
	71.	Selkoe (1991) "Amyloid Protein and Alzheimer's Disease" <i>Scientific American</i> 265:40-47
	72.	Selkoe (1991) "The Molecular Pathology of Alzheimer's Disease" <i>Neuron</i> 6:487-498
	73.	Selkoe (1994) "Normal and Abnormal Biology of the β -Amyloid Precursor Protein" <i>A Rev. Neurosci.</i> 17:489-517

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	74.	Selkoe (1995) "Missense on the Membrane" <i>Nature</i> 375:734-735
	75.	Sherrington et al. (1995) "Cloning of a Gene Bearing Missense Mutations in Early-Onset Familial Alzheimer's Disease" <i>Nature</i> 375:754-760
	76.	Shi Du Yan et al. (1997) "RAGE and Amyloid- β Peptide Neurotoxicity in Alzheimer's Disease" <i>Nature</i> 382:685-691
	77.	Tanzi et al. (1988) "Protease Inhibitor Domain Encoded by an Amyloid Protein Precursor mRNA Associated With Alzheimer's Disease" <i>Nature</i> 321:528-530
	78.	Verhoeven et al. (1988) "Reshaping Human Antibodies: Grafting an Antilysozyme Activity" <i>Science</i> 239:1534
	79.	Vitek et al. (1988) "Absence of Mutation in the β -Amyloid cDNAs Cloned From the Brains of Three Patients With Sporadic Alzheimer's Disease" <i>Brain Res.</i> 464:121-131
	80.	Wess et al. (1990) "Chimeric m2/m3 Muscarinic Receptors: Role of Carboxyl Terminal Receptor Domains in Selectivity of Ligand Binding and Coupling to Phosphoinositide Hydrolysis" <i>Mol. Pharmacol.</i> 38:872-877
	81.	Yolken (1982) "Enzyme Immunoassays for the Detection of Infectious Antigens in Body Fluids: Current Limitations and Future Prospects" <i>Rev. Infect. Dis.</i> 4:35
	82.	Zain et al. (1988) "Molecular Cloning of Amyloid cDNA Derived From mRNA of the Alzheimer Disease Brain: Coding and Noncoding Regions of the Fetal Precursor mRNA are Expressed in the Cortex" <i>Proc. Natl. Acad. Sci. (U.S.A.)</i> 85:929-933
	83.	Zengh et al. (1995) " β -Amyloid Precursor Protein-Deficient Mice Show Reactive Gliosis and Decreased Locomotor Activity" <i>Cell</i> 81:525-531

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